

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	(positive and temperature and coefficient and protection and motor).clm.	US-PGPUB	OR	ON	2006/09/16 12:00
L2	788	(positive and temperature and coefficient ).clm.	US-PGPUB	OR	ON	2006/09/16 12:00
L3	87	(positive and temperature and coefficient and protection).clm.	US-PGPUB	OR	ON	2006/09/16 12:00
L4	13	(positive and temperature and coefficient and protection and threshold).clm.	US-PGPUB	OR	ON	2006/09/16 12:03
L5	0	(positive and temperature and coefficient ).clm. and "20050128660"	US-PGPUB	OR	ON	2006/09/16 12:02
L6	1	"20050128660"	US-PGPUB	OR	ON	2006/09/16 12:02
L7	13	((positive and temperature and coefficient pct) and protection and threshold).clm.	US-PGPUB	OR	ON	2006/09/16 12:04
L8	14	((positive and temperature and coefficient ptc) and protection and threshold).clm.	US-PGPUB	OR	ON	2006/09/16 12:04
L9	2	((positive and temperature and coefficient ptc) and protection and threshold and direction and diode).clm.	US-PGPUB	OR	ON	2006/09/16 12:04
S1	2	"20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 13:49
S2	19	("20010048280" "20020101210" "20020121872" "20020143452" "20020190677" "20020190680" "20030137265" "20030151382" "6404158" "6548979").PN.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 13:49

## EAST Search History

S3	10	("20010048280" "20020101210" "20020121872" "20020143452" "20020190677" "20020190680" "20030137265" "20030151382" "6404158" "6548979").PN.	US-PGPUB ; USPAT	OR	ON	2006/04/19 13:50
S4	0	("20010048280" "20020101210" "20020121872" "20020143452" "20020190677" "20020190680" "20030137265" "20030151382" "6404158" "6548979").PN. and PTC	US-PGPUB ; USPAT	OR	ON	2006/04/19 13:53
S5	10	(US-20030151382-\$ or US-20030137265-\$ or US-20020190680-\$ or US-20020190677-\$ or US-20020143452-\$ or US-20020121872-\$ or US-20020101210-\$ or US-20010048280-\$).did. or (US-6548979-\$ or US-6404158-\$).did.	US-PGPUB ; USPAT	OR	ON	2006/04/19 13:53
S6	4	S5 and positive near2 temperature near4 coefficient	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 13:57
S7	350	motor same (stall stop) and positive near2 temperature near4 coefficient	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:02
S8	4821	motor same opisitenear2 direction and positive near2 temperature near4 coefficient	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:03
S9	142	motor same opposite near2 direction and positive near2 temperature near4 coefficient	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:04
S10	7	motor same opposite near2 direction and positive near2 temperature near4 coefficient same (threshold predetermine)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:10

## EAST Search History

S11	16	motor and opposite near2 direction and positive near2 temperature near4 coefficient same (threshold predetermine)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:10
S12	0	motor and opposite near2 direction and positive near2 temperature near4 coefficient same (threshold predetermine) and pinch	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:11
S13	15	motor and (opposite near2 direction and positive near2 temperature ptc) near4 coefficient and pinch	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:11
S14	31	motor and opposite near2 direction and (positive near2 temperature near4 coefficient ptc) and pinch	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:14
S15	0	motor and opposite near2 direction and (positive near2 temperature near4 coefficient ptc) and S5	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:14
S16	2	motor and opposite near2 direction and S5	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:19
S17	7773	motor and opposite near2 direction and overload	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 14:19
S18	34	motor and opposite near2 direction and overload and ptc	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 15:30

## EAST Search History

S19	950	first adj ptc same second ptc same diode	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 15:31
S20	121	S19 same motor	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 15:31
S21	17	S19 same motor same opposite	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 15:48
S22	0	"7038896".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 15:34
S23	0	"7038896".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 15:40
S24	2	"20040114286"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 15:40
S25	38	("3673538" "3878501" "391 4727" "3955170" "4092573"  "4467310" "4475138" "478 0598" "4792877" "4901186"  "5153805" "5303115" "553 7288" "6392528" "6462643"  "6854176").PN.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 15:49
S26	16	("3673538" "3878501" "391 4727" "3955170" "4092573"  "4467310" "4475138" "478 0598" "4792877" "4901186"  "5153805" "5303115" "553 7288" "6392528" "6462643"  "6854176").PN.	US-PGPUB ; USPAT	OR	ON	2006/04/19 15:49

## EAST Search History

S27	4	"6462643".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:44
S28	9	("3673538"   "3811938"   "3878501"   "4223208"   "4716279"   "5394288"   "5592647"   "5688424"   "5805049").PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2006/04/22 14:47
S29	0	("6462643").URPN.	USPAT	OR	ON	2006/04/22 14:50
S30	0	("6462643").URPN.	USPAT	OR	ON	2006/04/22 14:50
S31	2	("5394288").URPN.	USPAT	OR	ON	2006/04/22 14:50
S32	5	("3161074"   "3269199"   "4716486").PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2006/04/22 15:58
S33	663	(PTC positive near temperature near coefficient) same threshold	US-PGPUB ; USPAT; USOCR	OR	ON	2006/04/22 15:58
S34	190	(PTC positive near temperature near coefficient) same threshold near2 temperature	US-PGPUB ; USPAT; USOCR	OR	ON	2006/04/22 15:59
S35	2	(PTC positive near temperature near coefficient) same first near temperature near2 threshold	US-PGPUB ; USPAT; USOCR	OR	ON	2006/04/22 16:00
S36	2	(PTC positive near temperature near coefficient) same first near temperature near2 threshold	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:00
S37	6	(PTC positive near temperature near coefficient) same first near2 temperature near2 threshold	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:02
S38	39	(PTC positive near temperature near coefficient) and first near2 temperature near2 threshold	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:04
S39	39	(PTC positive near2 temperature near2 coefficient) and first near2 temperature near2 threshold	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:05

## EAST Search History

S40	62	(PTC positive near2 temperature near2 coefficient) and first near2 temperature near5 threshold	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:05
S41	16	(PTC positive near2 temperature near2 coefficient) same diode and first near2 temperature near5 threshold	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:06
S42	0	(PTC positive near2 temperature near2 coefficient) same diode and first near2 temperature near5 threshold and "20040114286"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:10
S43	1	(PTC positive near2 temperature near2 coefficient) and "20040114286"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:10
S44	1	(PTC positive near2 temperature near2 coefficient) same diode and "20040114286"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:10
S45	0	(PTC positive near2 temperature near2 coefficient) same diode and temperature near5 threshold and "20040114286"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:11
S46	1	(PTC positive near2 temperature near2 coefficient) same diode and first near2 temperature and "20040114286"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:12
S47	0	(PTC positive near2 temperature near2 coefficient) same diode and first near2 temperature and second near2 temperature and "20040114286"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:13
S48	1	(PTC positive near2 temperature near2 coefficient) same diode and first near2 temperature and second near4 temperature and "20040114286"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:13

## EAST Search History

S49	1	(PTC positive near2 temperature near2 coefficient) same diode and first near2 temperature and second near3 temperature and "20040114286"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:17
S50	1	"20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:16
S51	0	(PTC positive near2 temperature near2 coefficient) same diode and first near2 temperature and second near3 temperature and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:18
S52	0	(PTC positive near2 temperature near2 coefficient) same diode and first near2 temperature and second near3 temperature and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:18
S53	1	(PTC positive near2 temperature near2 coefficient) same diode and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:18
S54	0	(PTC positive near2 temperature near2 coefficient) same diode and first near2 temperature and second near3 temperature and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:19
S55	0	(PTC positive near2 temperature near2 coefficient) same diode and first near2 temperature and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:19
S56	0	(PTC positive near2 temperature near2 coefficient) same diode and first and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:19
S57	1	(PTC positive near2 temperature near2 coefficient) same diode and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:19
S58	0	(PTC positive near2 temperature near2 coefficient) same diode and threshold and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:20

## EAST Search History

S59	1	(PTC positive near2 temperature near2 coefficient) same diode and pinch and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:21
S60	1	(PTC positive near2 temperature near2 coefficient) same diode and temperature and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:21
S61	1	(PTC positive near2 temperature near2 coefficient) same diode and temperature and low same high and "20050128660"	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:24
S62	65	(PTC positive near2 temperature near2 coefficient) near first with series	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:25
S63	48	(PTC positive near2 temperature near2 coefficient) near first with series with second	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:25
S64	7	(PTC positive near2 temperature near2 coefficient) near first with series with second same diode	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:30
S65	3	(PTC positive near2 temperature near2 coefficient) near first with series with second near (PTC positive near2 temperature near2 coefficient) same diode	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/22 16:31
S66	360	361/25.ccls.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:42
S67	30	361/25.ccls. and (ptc positive adj temperature)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:43



## EAST Search History

S68	32	("20010048280" "20020101210" "20020121872" "20020143452" "20020190677" "20020190680" "20030137265" "20030151382" "20040114286" "3673538" "5153805" "5394288" "6404158" "6462643" "6548979").PN.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:47
S69	1	"5428493".pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/24 14:54